



## What is the impact of the new runway to the road network?

*The new runway will occupy 293 hectares, be 3,000 metres long and will be located parallel to the existing main runway with a 2 kilometre separation. To facilitate the construction of the new runway Grogan Road will be closed.*

Whether or not the new runway is built, the airport will become much busier, and therefore more vehicles will use the roads. As traffic increases, traffic modelling has shown that changes to the road network due to construction of the new runway does not negatively impact the surrounding road network.

### **Pedestrians and Cyclists**

There is no dedicated pedestrian or cycle infrastructure on Grogan Road. Pedestrians and cyclists will continue to use the new facilities constructed as part of the Gateway WA and Roe Highway projects.

### **Public Transport**

Grogan Road is not used by any public transport services and the closure will not impact public transport to, from or around the airport.

### **Rail**

The planning of the Forrestfield-Airport Link (FAL) alignment has considered the location of the new runway. The FAL rail tunnels will be built at the northern end of the new runway and not directly beneath the runway pavement.

### **Closure of Grogan Road**

The new runway will require the re-closure of Grogan Road, which was previously closed to through traffic between 1987 and 2005.

A transport study showed that currently up to 60 per cent of the traffic on Grogan Road during peak periods is non-airport traffic using the road as a shortcut. Initial planning considered Grogan Road being replaced by a tunnel beneath the new runway. During design work the cost for the tunnel was estimated to be in the order of \$240m. This significant cost was driven by the requirements of the tunnel such as fire safety elements, monitoring and response capabilities, and the length and distance below the runway that the infrastructure needed to be for safety and aviation security.

Simulation modelling for future traffic volumes also showed that the external road network performed to a similar level with or without the tunnel constructed.

---

### **The construction of a tunnel to serve the low volume of airport related traffic could not be justified.**

---

The re-closure of Grogan Road will result in a change of access to Terminals 1 and 2 and access to the businesses in Airport Central. Alternative routes to T1 and T2 will be via the Roe and Tonkin Highways (shown over the page).